

DATE: 08/31/2004

TIME: 09:11:31

IFWO

```
Input Set : A:\407T-895413US.txt
                     Output Set: N:\CRF4\08312004\J648811.raw
      3 <110> APPLICANT: PRICE, PAUL A.
             JOHANSEN, JULIA S.
      6 <120> TITLE OF INVENTION: ASSAY FOR YKL-40 AS A MARKER FOR DEGRADATION OF MAMMALIAN
             CONECTIVE TISSUE MATRICES
      9 <130> FILE REFERENCE: 407T-895413US
     11 <140> CURRENT APPLICATION NUMBER: US 10/648,811
     12 <141> CURRENT FILING DATE: 2003-08-25
     14 <150> PRIOR APPLICATION NUMBER: US 08/089,989
     15 <151> PRIOR FILING DATE: 1993-07-09
                                                                 ENTERED
     17 <150> PRIOR APPLICATION NUMBER: PCT/US94/07754
     18 <151> PRIOR FILING DATE: 1994-07-08
     20 <150> PRIOR APPLICATION NUMBER: US 09/215,077
     21 <151> PRIOR FILING DATE: 1998-12-18
     23 <150> PRIOR APPLICATION NUMBER: US 08/581,527
     24 <151> PRIOR FILING DATE: 1996-04-17
     26 <160> NUMBER OF SEQ ID NOS: 4
     28 <170> SOFTWARE: PatentIn version 3.2
     30 <210> SEQ ID NO: 1
     31 <211> LENGTH: 25
     32 <212> TYPE: PRT
     33 <213> ORGANISM: Homo sapiens
     36 <220> FEATURE:
     37 <221> NAME/KEY: misc feature
     38 <222> LOCATION: (20)..(20)
     39 <223> OTHER INFORMATION: Xaa is unidentified amino acid
     41 <400> SEQUENCE: 1
     43 Tyr Lys Leu Val Cys Tyr Tyr Thr Ser Trp Ser Gln Tyr Arg Glu Gly
                        5
W--> 47 Asp Gly Ser Xaa Phe Pro Asp Ala Leu
     48
                   20
     51 <210> SEQ ID NO: 2
     52 <211> LENGTH: 19
     53 <212> TYPE: PRT
     54 <213> ORGANISM: Homo sapiens
     56 <400> SEQUENCE: 2
     58 Leu Asn Thr Leu Lys Asn Arg Asn Pro Asn Leu Lys Thr Leu Leu Ser
    59 1
                                            10
    62 Val Gly Gly
     66 <210> SEO ID NO: 3
    67 <211> LENGTH: 7
    68 <212> TYPE: PRT
    69 <213> ORGANISM: Homo sapiens
```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/648,811

71 <400> SEQUENCE: 3

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/648,811

DATE: 08/31/2004 TIME: 09:11:31

Input Set : A:\407T-895413US.txt

Output Set: N:\CRF4\08312004\J648811.raw

```
73 Leu Arg Leu Gly Ala Pro Ala
74 1
77 <210> SEQ ID NO: 4
78 <211> LENGTH: 1681
79 <212> TYPE: DNA
80 <213> ORGANISM: Homo sapiens
82 <400> SEQUENCE: 4
83 ctaggtagct ggcaccagga gccgtgggca agggaagagg ccacaccctg ccctgctctg
                                                                          60
85 ctgcagccag aatgggtgtg aaggcgtctc aaacaggctt tqtgqtcctq qtqctqctcc
                                                                         120
87 agtgctgctc tgcatacaaa ctggtctgct actacaccag ctggtcccag taccqqqaaq
                                                                         180
89 gcgatgggag ctgcttccca gatgcccttg accgcttcct gtgtacccac atcatctaca
                                                                         240
91 gctttgccaa tataagcaac gatcacatcg acacctgqqa qtqqaatqat qtqacqctct
93 acggcatgct caacacactc aacaacacga accccaacct gaaqactctc ttqtctqtcq
95 gaggatggaa ctttgggtct caaagatttt ccaagatagc ctccaacacc cagagtcgcc
                                                                         420
97 ggactttcat caagtcagta ccgccatttc tgcgcaccca tggctttgat gggcgtgacc
                                                                         480
99 ttgcctggct ctaccctgga cggaqagaca aacaccattt taccacccta atcaaggaaa
                                                                         540
101 tgaaggccga atttataaag gaagcccagc cagggaaaaa gcagctcctg ctcagcgcag
                                                                          600
103 cactgtctgc ggggaaggtc accattgaca gcagctatga cattgccaag atatcccaac
                                                                          660
105 acctggattt cattagcatc atgacctacg attttcatgg cgcctggcgt gggaccacaq
                                                                          720
107 gccatcacag tcccctcagg cgaggtcagg aggatgcaag tcctgacaga ttcagcaaca
                                                                          780
109 ctgactatgc tgtggggtac atgttgaggc tggggggttcc tgccagtaag ctggtgatgg
                                                                          840
111 gcatccccac cttcgggagg agcttcactc tggcttcttc tgagactggt gttccagcgc
                                                                          900
113 caateteagg accgggaatt ceaggeeggt teaccaagga ggeagggaee ettgeetaet
                                                                          960
115 atgagatetg tgaetteete egeggageea eagteeatag aaceetegge eageaggtee
                                                                         1020
117 cctatgccac caagggcaac cagtgggtag gatacgacga ccaggaaagc gtcaaaagca
                                                                         1080
119 aggtgcagta cctgaaggat aggcagctgg caggcgccat ggtatgggcc ctggacctgg
                                                                         1140
121 atgacticca gggctccttc tgcggccagg atctgcgctt ccctctcacc aatgccatca
123 aggatgcact cgctgcaacg tagccctctg ttctgcacac agcacggggg ccaaggatgc
                                                                         1260
125 cccgtccccg tctggctggc cgggagcctg atcacctgcc ctgctgagtc ccaqqctqaq
                                                                         1320
127 cctcagtctc cctcccttgg ggcctatgca gaggtccaca acacacagat ttgagctcag
                                                                         1380
129 ccctggtggg cagagaggta cacacttgtt gatgattaat ggaaatgttt acagatcccc
                                                                         1440
131 aagcctggca agggaattte tteaacteee tgeeceetag eecteettat caaaqqacae
                                                                         1500
133 cattttggca agctctatca ccaaggagcc aaacatccta caagacacag tgaccatact
                                                                         1560
135 aattataccc cctgcaaagc cagcttgaaa ccttcactta ggaacgtaat cgtgtcccct
                                                                         1620
137 atoctactic coefficia ticcacaget geteaataaa gtacaagagt tiaacagtgt
                                                                         1680
139 q
                                                                         1681
```

RAW SEQUENCE LISTING ERROR SUMMARY PATENT APPLICATION: US/10/648,811

DATE: 08/31/2004 TIME: 09:11:32

Input Set : A:\407T-895413US.txt

Output Set: N:\CRF4\08312004\J648811.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 20 (

VERIFICATION SUMMARY

DATE: 08/31/2004 TIME: 09:11:32

PATENT APPLICATION: US/10/648,811

Input Set : A:\407T-895413US.txt
Output Set: N:\CRF4\08312004\J648811.raw

 $L\!:\!47$ M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:16